

Mika Ala-Korpela

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

251
papers

15,246
citations

61
h-index

116
g-index

288
ext. papers

19,124
ext. citations

7.2
avg, IF

6.23
L-index

#	Paper	IF	Citations
251	Glycoprotein Acetyls: A Novel Inflammatory Biomarker of Early Cardiovascular Risk in the Young.. <i>Journal of the American Heart Association</i> , 2022 , 11, e024380	6	1
250	Metabolic Biomarker Discovery for Risk of Peripheral Artery Disease Compared With Coronary Artery Disease: Lipoprotein and Metabolite Profiling of 31 657 Individuals From 5 Prospective Cohorts. <i>Journal of the American Heart Association</i> , 2021 , 10, e021995	6	2
249	Distinct contributions of metabolic dysfunction and genetic risk factors in the pathogenesis of non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2021 ,	13.4	9
248	High-throughput multivariable Mendelian randomization analysis prioritizes apolipoprotein B as key lipid risk factor for coronary artery disease. <i>International Journal of Epidemiology</i> , 2021 , 50, 893-901	7.8	12
247	Metabolic profiles of socio-economic position: a multi-cohort analysis. <i>International Journal of Epidemiology</i> , 2021 , 50, 768-782	7.8	3
246	HDL-Mediated Cholesterol Efflux Associates with Incident Kidney Disease. <i>Clinical Chemistry</i> , 2021 , 67, 689-691	5.5	
245	Evaluating the direct effects of childhood adiposity on adult systemic metabolism: a multivariable Mendelian randomization analysis. <i>International Journal of Epidemiology</i> , 2021 , 50, 1580-1592	7.8	4
244	Adulthood blood levels of hsa-miR-29b-3p associate with preterm birth and adult metabolic and cognitive health. <i>Scientific Reports</i> , 2021 , 11, 9203	4.9	2
243	A computationally efficient Bayesian seemingly unrelated regressions model for high-dimensional quantitative trait loci discovery.. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021 , 70, 886-908	1.5	1
242	Activation of pregnane X receptor induces atherogenic lipids and PCSK9 by a SREBP2-mediated mechanism. <i>British Journal of Pharmacology</i> , 2021 , 178, 2461-2481	8.6	4
241	Effects of apolipoprotein B on lifespan and risks of major diseases including type 2 diabetes: a mendelian randomisation analysis using outcomes in first-degree relatives. <i>The Lancet Healthy Longevity</i> , 2021 , 2, e317-e326	9.5	7
240	Metabolic profiling of angiotensin-like protein 3 and 4 inhibition: a drug-target Mendelian randomization analysis. <i>European Heart Journal</i> , 2021 , 42, 1160-1169	9.5	11
239	Novel biomarkers associated with incident heart failure in 10 006 Finnish men. <i>ESC Heart Failure</i> , 2021 , 8, 605-614	3.7	2
238	The associations of oxidized lipoprotein lipids with lipoprotein subclass particle concentrations and their lipid compositions. The Cardiovascular Risk in Young Finns Study. <i>Free Radical Biology and Medicine</i> , 2021 , 162, 225-232	7.8	
237	DNA methylation and lipid metabolism: an EWAS of 226 metabolic measures. <i>Clinical Epigenetics</i> , 2021 , 13, 7	7.7	11
236	Commentary: Big data bring big controversies: HDL cholesterol and mortality. <i>International Journal of Epidemiology</i> , 2021 , 50, 913-915	7.8	0
235	Achievement of the Targets of the 20-Year Infancy-Onset Dietary Intervention-Association with Metabolic Profile from Childhood to Adulthood. <i>Nutrients</i> , 2021 , 13,	6.7	2

234	Systematic evaluation of the association between hemoglobin levels and metabolic profile implicates beneficial effects of hypoxia. <i>Science Advances</i> , 2021 , 7,	14.3	2
233	Vexed causal inferences in nutritional epidemiology-call for genetic help. <i>International Journal of Epidemiology</i> , 2021 ,	7.8	1
232	Determinants of accelerated metabolomic and epigenetic aging in a UK cohort. <i>Aging Cell</i> , 2020 , 19, e13149	14.9	28
231	The Effect of Plasma Lipids and Lipid-Lowering Interventions on Bone Mineral Density: A Mendelian Randomization Study. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 1224-1235	6.3	19
230	Evaluating the relationship between circulating lipoprotein lipids and apolipoproteins with risk of coronary heart disease: A multivariable Mendelian randomisation analysis. <i>PLoS Medicine</i> , 2020 , 17, e1003062	11.6	127
229	EpiMetal: an open-source graphical web browser tool for easy statistical analyses in epidemiology and metabolomics. <i>International Journal of Epidemiology</i> , 2020 , 49, 1075-1081	7.8	2
228	Apolipoprotein A-I concentrations and risk of coronary artery disease: A Mendelian randomization study. <i>Atherosclerosis</i> , 2020 , 299, 56-63	3.1	27
227	Data-driven multivariate population subgrouping via lipoprotein phenotypes versus apolipoprotein B in the risk assessment of coronary heart disease. <i>Atherosclerosis</i> , 2020 , 294, 10-15	3.1	5
226	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020 , 2, 1135-1148	14.6	61
225	A cross-omics integrative study of metabolic signatures of chronic obstructive pulmonary disease. <i>BMC Pulmonary Medicine</i> , 2020 , 20, 193	3.5	3
224	Commentary: The unbelievable impediment to understanding causality of risk factors: case prostate cancer. <i>International Journal of Epidemiology</i> , 2020 , 49, 597-598	7.8	
223	Metabolic Profiles Help Discriminate Mild Cognitive Impairment from Dementia Stage in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020 , 74, 277-286	4.3	4
222	Association of circulating metabolites in plasma or serum and risk of stroke: Meta-analysis from seven prospective cohorts. <i>Neurology</i> , 2020 ,	6.5	9
221	A comprehensive study of metabolite genetics reveals strong pleiotropy and heterogeneity across time and context. <i>Nature Communications</i> , 2019 , 10, 4788	17.4	25
220	Circulating metabolites and the risk of type 2 diabetes: a prospective study of 11,896 young adults from four Finnish cohorts. <i>Diabetologia</i> , 2019 , 62, 2298-2309	10.3	54
219	The effect of apolipoprotein E polymorphism on serum metabolome - a population-based 10-year follow-up study. <i>Scientific Reports</i> , 2019 , 9, 458	4.9	17
218	What is LDL cholesterol. <i>Nature Reviews Cardiology</i> , 2019 , 16, 197-198	14.8	23
217	Total liver phosphatidylcholine content associates with non-alcoholic steatohepatitis and glycine N-methyltransferase expression. <i>Liver International</i> , 2019 , 39, 1895-1905	7.9	3

216	Genetic Determinants of Circulating Glycine Levels and Risk of Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2019 , 8, e011922	6	5
215	Direct Estimation of HDL-Mediated Cholesterol Efflux Capacity from Serum. <i>Clinical Chemistry</i> , 2019 , 65, 1042-1050	5.5	9
214	A Metabolic Screen in Adolescents Reveals an Association Between Circulating Citrate and Cortical Bone Mineral Density. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1306-1313	6.3	4
213	Commentary: Data-driven subgrouping in epidemiology and medicine. <i>International Journal of Epidemiology</i> , 2019 , 48, 374-376	7.8	2
212	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019 , 10, 3346	17.4	89
211	Exome sequencing of Finnish isolates enhances rare-variant association power. <i>Nature</i> , 2019 , 572, 323-328	38.4	69
210	Low Serum High-Density Lipoprotein Cholesterol Levels Associate with the C9orf72 Repeat Expansion in Frontotemporal Lobar Degeneration Patients. <i>Journal of Alzheimer's Disease</i> , 2019 , 72, 1271-1277	4.3	8
209	Elevated serum alpha-1 antitrypsin is a major component of GlycA-associated risk for future morbidity and mortality. <i>PLoS ONE</i> , 2019 , 14, e0223692	3.7	10
208	Genetic and environmental perturbations lead to regulatory decoherence. <i>ELife</i> , 2019 , 8,	8.9	18
207	Proof of concept for quantitative urine NMR metabolomics pipeline for large-scale epidemiology and genetics. <i>International Journal of Epidemiology</i> , 2019 , 48, 978-993	7.8	21
206	Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. <i>PLoS Biology</i> , 2019 , 17, e3000572	9.7	15
205	Insulin resistance and systemic metabolic changes in oral glucose tolerance test in 5340 individuals: an interventional study. <i>BMC Medicine</i> , 2019 , 17, 217	11.4	19
204	Investigating the effects of lycopene and green tea on the metabolome of men at risk of prostate cancer: The ProDiet randomised controlled trial. <i>International Journal of Cancer</i> , 2019 , 144, 1918-1928	7.5	24
203	Association of branched-chain amino acids and other circulating metabolites with risk of incident dementia and Alzheimer's disease: A prospective study in eight cohorts. <i>Alzheimer's and Dementia</i> , 2018 , 14, 723-733	1.2	90
202	Identification of seven novel loci associated with amino acid levels using single-variant and gene-based tests in 8545 Finnish men from the METSIM study. <i>Human Molecular Genetics</i> , 2018 , 27, 1664-1674	5.6	20
201	NAFLD risk alleles in PNPLA3, TM6SF2, GCKR and LYPLAL1 show divergent metabolic effects. <i>Human Molecular Genetics</i> , 2018 , 27, 2214-2223	5.6	65
200	Lipids, Lipoproteins, and Metabolites and Risk of Myocardial Infarction and Stroke. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 620-632	15.1	162
199	Effect of Dietary Counseling on a Comprehensive Metabolic Profile from Childhood to Adulthood. <i>Journal of Pediatrics</i> , 2018 , 195, 190-198.e3	3.6	10

198	Circulating amino acids and the risk of macrovascular, microvascular and mortality outcomes in individuals with type 2 diabetes: results from the ADVANCE trial. <i>Diabetologia</i> , 2018 , 61, 1581-1591	10.3	44
197	Objective Metabolomics Research. <i>Clinical Chemistry</i> , 2018 , 64, 30-33	5.5	8
196	Cognition, psychosis risk and metabolic measures in two adolescent birth cohorts. <i>Psychological Medicine</i> , 2018 , 48, 2609-2623	6.9	5
195	Metabolic characterization of menopause: cross-sectional and longitudinal evidence. <i>BMC Medicine</i> , 2018 , 16, 17	11.4	51
194	Association of circulating metabolites with healthy diet and risk of cardiovascular disease: analysis of two cohort studies. <i>Scientific Reports</i> , 2018 , 8, 8620	4.9	32
193	Nuclear magnetic resonance-based metabolomics identifies phenylalanine as a novel predictor of incident heart failure hospitalisation: results from PROSPER and FINRISK 1997. <i>European Journal of Heart Failure</i> , 2018 , 20, 663-673	12.3	29
192	Metabolomic Consequences of Genetic Inhibition of PCSK9 Compared With Statin Treatment. <i>Circulation</i> , 2018 , 138, 2499-2512	16.7	36
191	Biomarker Glycoprotein Acetyls Is Associated With the Risk of a Wide Spectrum of Incident Diseases and Stratifies Mortality Risk in Angiography Patients. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e002234	5.2	19
190	Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. <i>Scientific Reports</i> , 2018 , 8, 15249	4.9	20
189	Relationships between gut microbiota, plasma metabolites, and metabolic syndrome traits in the METSIM cohort. <i>Genome Biology</i> , 2017 , 18, 70	18.3	167
188	Experimental and Human Evidence for Lipocalin-2 (Neutrophil Gelatinase-Associated Lipocalin [NGAL]) in the Development of Cardiac Hypertrophy and heart failure. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	32
187	Metabolic profiling of polycystic ovary syndrome reveals interactions with abdominal obesity. <i>International Journal of Obesity</i> , 2017 , 41, 1331-1340	5.5	43
186	Quantitative Serum Nuclear Magnetic Resonance Metabolomics in Large-Scale Epidemiology: A Primer on -Omic Technologies. <i>American Journal of Epidemiology</i> , 2017 , 186, 1084-1096	3.8	189
185	Mendelian randomization in cardiometabolic disease: challenges in evaluating causality. <i>Nature Reviews Cardiology</i> , 2017 , 14, 577-590	14.8	245
184	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017 , 541, 81-86	50.4	511
183	Genetic Support for a Causal Role of Insulin Resistance on Circulating Branched-Chain Amino Acids and Inflammation. <i>Diabetes Care</i> , 2017 , 40, 1779-1786	14.6	80
182	An interaction map of circulating metabolites, immune gene networks, and their genetic regulation. <i>Genome Biology</i> , 2017 , 18, 146	18.3	27
181	Differential Associations of Inflammatory Markers With Insulin Sensitivity and Secretion: The Prospective METSIM Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3600-3609	5.6	32

180	-ancestry Fine Mapping and Molecular Assays Identify Regulatory Variants at the HDL-C GWAS Locus. <i>G3: Genes, Genomes, Genetics</i> , 2017 , 7, 3217-3227	3.2	14
179	DHA mediates the protective effect of fish consumption on new episodes of depression among women. <i>British Journal of Nutrition</i> , 2017 , 118, 743-749	3.6	4
178	Metabolic profiling of fatty liver in young and middle-aged adults: Cross-sectional and prospective analyses of the Young Finns Study. <i>Hepatology</i> , 2017 , 65, 491-500	11.2	50
177	Novel association of rs58542926 genotype with increased serum tyrosine levels and decreased apoB-100 particles in Finns. <i>Journal of Lipid Research</i> , 2017 , 58, 1471-1481	6.3	35
176	Common, low-frequency, and rare genetic variants associated with lipoprotein subclasses and triglyceride measures in Finnish men from the METSIM study. <i>PLoS Genetics</i> , 2017 , 13, e1007079	6	33
175	Association of pre-pregnancy body mass index with offspring metabolic profile: Analyses of 3 European prospective birth cohorts. <i>PLoS Medicine</i> , 2017 , 14, e1002376	11.6	43
174	Impaired HDL2-mediated cholesterol efflux is associated with metabolic syndrome in families with early onset coronary heart disease and low HDL-cholesterol level. <i>PLoS ONE</i> , 2017 , 12, e0171993	3.7	12
173	Variant rs10911021 that associates with coronary heart disease in type 2 diabetes, is associated with lower concentrations of circulating HDL cholesterol and large HDL particles but not with amino acids. <i>Cardiovascular Diabetology</i> , 2016 , 15, 115	8.7	9
172	Metabolic signatures of birthweight in 18288 adolescents and adults. <i>International Journal of Epidemiology</i> , 2016 , 45, 1539-1550	7.8	31
171	Characterization of the metabolic profile associated with serum 25-hydroxyvitamin D: a cross-sectional analysis in population-based data. <i>International Journal of Epidemiology</i> , 2016 , 45, 1469-1481	7.8	14
170	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. <i>Nature Communications</i> , 2016 , 7, 11122	17.4	335
169	Prolonged sleep restriction induces changes in pathways involved in cholesterol metabolism and inflammatory responses. <i>Scientific Reports</i> , 2016 , 6, 24828	4.9	44
168	Metabolic profiling of alcohol consumption in 9778 young adults. <i>International Journal of Epidemiology</i> , 2016 , 45, 1493-1506	7.8	60
167	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. <i>BMC Medicine</i> , 2016 , 14, 205	11.4	85
166	Metabolomics of aging requires large-scale longitudinal studies with replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E3470	11.5	14
165	Effect of metformin therapy on circulating amino acids in a randomized trial: the CAMERA study. <i>Diabetic Medicine</i> , 2016 , 33, 1569-1574	3.5	24
164	Abdominal obesity and circulating metabolites: A twin study approach. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 111-21	12.7	42
163	metaCCA: summary statistics-based multivariate meta-analysis of genome-wide association studies using canonical correlation analysis. <i>Bioinformatics</i> , 2016 , 32, 1981-9	7.2	76

162	Metabolomic Profiling of Statin Use and Genetic Inhibition of HMG-CoA Reductase. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1200-1210	15.1	106
161	Longitudinal study of circulating oxidized LDL and HDL and fatty liver: the Cardiovascular Risk in Young Finns Study. <i>Free Radical Research</i> , 2016 , 50, 396-404	4	10
160	Prompt impact of first prospective statin mega-trials on postoperative lipid management of CABG patients: a 20-year follow-up in a single hospital. <i>Lipids in Health and Disease</i> , 2016 , 15, 124	4.4	2
159	Blood hsa-miR-122-5p and hsa-miR-885-5p levels associate with fatty liver and related lipoprotein metabolism-The Young Finns Study. <i>Scientific Reports</i> , 2016 , 6, 38262	4.9	42
158	Metabolic Characterization of a Rare Genetic Variation Within APOC3 and Its Lipoprotein Lipase-Independent Effects. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 231-9		20
157	Effects of hormonal contraception on systemic metabolism: cross-sectional and longitudinal evidence. <i>International Journal of Epidemiology</i> , 2016 , 45, 1445-1457	7.8	41
156	Metabolite profiling and cardiovascular event risk: a prospective study of 3 population-based cohorts. <i>Circulation</i> , 2015 , 131, 774-85	16.7	367
155	Diabetes risk and amino acid profiles: cross-sectional and prospective analyses of ethnicity, amino acids and diabetes in a South Asian and European cohort from the SABRE (Southall And Brent REvisited) Study. <i>Diabetologia</i> , 2015 , 58, 968-79	10.3	139
154	Epigenome-wide association of DNA methylation markers in peripheral blood from Indian Asians and Europeans with incident type 2 diabetes: a nested case-control study. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 526-534	18.1	277
153	Multi-omic signature of body weight change: results from a population-based cohort study. <i>BMC Medicine</i> , 2015 , 13, 48	11.4	51
152	Quantitative serum nuclear magnetic resonance metabolomics in cardiovascular epidemiology and genetics. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 192-206		349
151	Ketone body production is differentially altered in steatosis and non-alcoholic steatohepatitis in obese humans. <i>Liver International</i> , 2015 , 35, 1853-61	7.9	48
150	Associations of multiple lipoprotein and apolipoprotein measures with worsening of glycemia and incident type 2 diabetes in 6607 non-diabetic Finnish men. <i>Atherosclerosis</i> , 2015 , 240, 272-7	3.1	38
149	The Biomarker GlycA Is Associated with Chronic Inflammation and Predicts Long-Term Risk of Severe Infection. <i>Cell Systems</i> , 2015 , 1, 293-301	10.6	113
148	Novel methodologies for biomarker discovery in atherosclerosis. <i>European Heart Journal</i> , 2015 , 36, 2635-42	9.7	133
147	Sex hormone-binding globulin associations with circulating lipids and metabolites and the risk for type 2 diabetes: observational and causal effect estimates. <i>International Journal of Epidemiology</i> , 2015 , 44, 623-37	7.8	66
146	Multiple Hepatic Regulatory Variants at the GALNT2 GWAS Locus Associated with High-Density Lipoprotein Cholesterol. <i>American Journal of Human Genetics</i> , 2015 , 97, 801-15	11	40
145	Cross-sectional and longitudinal associations of circulating omega-3 and omega-6 fatty acids with lipoprotein particle concentrations and sizes: population-based cohort study with 6-year follow-up. <i>Lipids in Health and Disease</i> , 2014 , 13, 28	4.4	8

144	Association between serum fatty acids and lipoprotein subclass profile in healthy young adults: exploring common genetic and environmental factors. <i>Atherosclerosis</i> , 2014 , 233, 394-402	3.1	15
143	Effect of fatty and lean fish intake on lipoprotein subclasses in subjects with coronary heart disease: a controlled trial. <i>Journal of Clinical Lipidology</i> , 2014 , 8, 126-33	4.9	32
142	Blood microRNA profile associates with the levels of serum lipids and metabolites associated with glucose metabolism and insulin resistance and pinpoints pathways underlying metabolic syndrome: the cardiovascular risk in Young Finns Study. <i>Molecular and Cellular Endocrinology</i> , 2014 , 391, 41-9	4.4	50
141	A metabolic view on menopause and ageing. <i>Nature Communications</i> , 2014 , 5, 4708	17.4	134
140	Patients with type 1 diabetes show signs of vascular dysfunction in response to multiple high-fat meals. <i>Nutrition and Metabolism</i> , 2014 , 11, 28	4.6	10
139	Genome metabolome integrated network analysis to uncover connections between genetic variants and complex traits: an application to obesity. <i>Journal of the Royal Society Interface</i> , 2014 , 11, 20130908	4.1	18
138	Upstream Transcription Factor 1 (USF1) allelic variants regulate lipoprotein metabolism in women and USF1 expression in atherosclerotic plaque. <i>Scientific Reports</i> , 2014 , 4, 4650	4.9	16
137	Effects of whole grain, fish and bilberries on serum metabolic profile and lipid transfer protein activities: a randomized trial (Sysdimet). <i>PLoS ONE</i> , 2014 , 9, e90352	3.7	57
136	Assessing multivariate gene-metabolome associations with rare variants using Bayesian reduced rank regression. <i>Bioinformatics</i> , 2014 , 30, 2026-34	7.2	18
135	Systemic metabolic markers and myocardial glucose uptake in type 2 diabetic and coronary artery disease patients treated for 16 weeks with rosiglitazone, a PPAR γ agonist. <i>Annals of Medicine</i> , 2014 , 46, 18-23	1.5	16
134	Metabolic signatures of adiposity in young adults: Mendelian randomization analysis and effects of weight change. <i>PLoS Medicine</i> , 2014 , 11, e1001765	11.6	193
133	A comparison of anthropometric, metabolic, and reproductive characteristics of young adult women from opposite-sex and same-sex twin pairs. <i>Frontiers in Endocrinology</i> , 2014 , 5, 28	5.7	11
132	Lipoprotein subclass metabolism in nonalcoholic steatohepatitis. <i>Journal of Lipid Research</i> , 2014 , 55, 2676-84	6.3	51
131	Interactions between genetic variants and dietary lipid composition: effects on circulating LDL cholesterol in children. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1569-77	7	4
130	Biomarker profiling by nuclear magnetic resonance spectroscopy for the prediction of all-cause mortality: an observational study of 17,345 persons. <i>PLoS Medicine</i> , 2014 , 11, e1001606	11.6	206
129	Lipoprotein subclass profiles in young adults born preterm at very low birth weight. <i>Lipids in Health and Disease</i> , 2013 , 12, 57	4.4	17
128	Branched-chain and aromatic amino acids are predictors of insulin resistance in young adults. <i>Diabetes Care</i> , 2013 , 36, 648-55	14.6	336
127	Lipoprotein subclass profiling reveals pleiotropy in the genetic variants of lipid risk factors for coronary heart disease: a note on Mendelian randomization studies. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1906-8	15.1	37

126	Association of ketone body levels with hyperglycemia and type 2 diabetes in 9,398 Finnish men. <i>Diabetes</i> , 2013 , 62, 3618-26	0.9	77
125	Metabolic phenotyping of diabetic nephropathy. <i>Clinical Pharmacology and Therapeutics</i> , 2013 , 94, 566-96.1		10
124	Computationally estimated apolipoproteins B and A1 in predicting cardiovascular risk. <i>Atherosclerosis</i> , 2013 , 226, 245-51	3.1	17
123	Association between habitual dietary intake and lipoprotein subclass profile in healthy young adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 1071-8	4.5	28
122	Glycerol and fatty acids in serum predict the development of hyperglycemia and type 2 diabetes in Finnish men. <i>Diabetes Care</i> , 2013 , 36, 3732-8	14.6	97
121	Long-term leisure-time physical activity and serum metabolome. <i>Circulation</i> , 2013 , 127, 340-8	16.7	136
120	Fetal growth, omega-3 (n-3) fatty acids, and progression of subclinical atherosclerosis: preventing fetal origins of disease? The Cardiovascular Risk in Young Finns Study. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 58-65	7	39
119	Triglyceride-cholesterol imbalance across lipoprotein subclasses predicts diabetic kidney disease and mortality in type 1 diabetes: the FinnDiane Study. <i>Journal of Internal Medicine</i> , 2013 , 273, 383-95	10.8	28
118	Association of height and pubertal timing with lipoprotein subclass profile: exploring the role of genetic and environmental effects. <i>American Journal of Human Biology</i> , 2013 , 25, 465-72	2.7	8
117	Complementary prediction of cardiovascular events by estimated apo- and lipoprotein concentrations in the working age population. The Health 2000 Study. <i>Annals of Medicine</i> , 2013 , 45, 141-8 ⁵	1.5	4
116	Effects of sea buckthorn and bilberry on serum metabolites differ according to baseline metabolic profiles in overweight women: a randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 941-51	7	33
115	Association between liver insulin resistance and cardiovascular risk factors. <i>Journal of Internal Medicine</i> , 2012 , 272, 402-8	10.8	15
114	Lipoprotein subclass profiles in individuals with varying degrees of glucose tolerance: a population-based study of 9399 Finnish men. <i>Journal of Internal Medicine</i> , 2012 , 272, 562-72	10.8	57
113	Weight change and lipoprotein particle concentration and particle size: a cohort study with 6.5-year follow-up. <i>Atherosclerosis</i> , 2012 , 223, 239-43	3.1	25
112	Quantitative high-throughput metabolomics: a new era in epidemiology and genetics. <i>Genome Medicine</i> , 2012 , 4, 36	14.4	31
111	Gender-dependent associations of metabolite profiles and body fat distribution in a healthy population with central obesity: towards metabolomics diagnostics. <i>OMICS A Journal of Integrative Biology</i> , 2012 , 16, 652-67	3.8	54
110	Metabolic diversity of progressive kidney disease in 325 patients with type 1 diabetes (the FinnDiane Study). <i>Journal of Proteome Research</i> , 2012 , 11, 1782-90	5.6	44
109	Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012 , 44, 269-76	36.3	441

108	Detailed metabolic and genetic characterization reveals new associations for 30 known lipid loci. <i>Human Molecular Genetics</i> , 2012 , 21, 1444-55	5.6	74
107	Mild cognitive impairment associates with concurrent decreases in serum cholesterol and cholesterol-related lipoprotein subclasses. <i>Journal of Nutrition, Health and Aging</i> , 2012 , 16, 631-5	5.2	14
106	Genome-wide screen for metabolic syndrome susceptibility Loci reveals strong lipid gene contribution but no evidence for common genetic basis for clustering of metabolic syndrome traits. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 242-9		153
105	Sphingomyelin is associated with kidney disease in type 1 diabetes (The FinnDiane Study). <i>Metabolomics</i> , 2012 , 8, 369-375	4.7	44
104	Metabolic signatures of insulin resistance in 7,098 young adults. <i>Diabetes</i> , 2012 , 61, 1372-80	0.9	224
103	Novel Loci for metabolic networks and multi-tissue expression studies reveal genes for atherosclerosis. <i>PLoS Genetics</i> , 2012 , 8, e1002907	6	125
102	Circulating metabolite predictors of glycemia in middle-aged men and women. <i>Diabetes Care</i> , 2012 , 35, 1749-56	14.6	159
101	The interplay between lipoprotein phenotypes, adiponectin, and alcohol consumption. <i>Annals of Medicine</i> , 2012 , 44, 513-22	1.5	4
100	Serum omega-6 polyunsaturated fatty acids and the metabolic syndrome: a longitudinal population-based cohort study. <i>American Journal of Epidemiology</i> , 2012 , 176, 253-60	3.8	27
99	Apolipoprotein B, oxidized low-density lipoprotein, and LDL particle size in predicting the incidence of metabolic syndrome: the Cardiovascular Risk in Young Finns study. <i>European Journal of Preventive Cardiology</i> , 2012 , 19, 1296-303	3.9	14
98	Hyperglycemia and a common variant of GCKR are associated with the levels of eight amino acids in 9,369 Finnish men. <i>Diabetes</i> , 2012 , 61, 1895-902	0.9	195
97	Effect of repeated dietary counseling on serum lipoproteins from infancy to adulthood. <i>Pediatrics</i> , 2012 , 129, e704-13	7.4	46
96	High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. <i>European Heart Journal</i> , 2012 , 33, 2307-16	9.5	92
95	Abstract P020: 1 H Nmr Metabonomic Profiling Identifies Novel Biomarkers for Cardiovascular Mortality. <i>Circulation</i> , 2012 , 125,	16.7	1
94	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	50.4	1564
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5	Evaluating the direct effects of childhood adiposity on adult systemic-metabolism: A multivariable Mendelian randomization analysis		3
4	Machine Learning in Multi-Omics Data to Assess Longitudinal Predictors of Glycaemic Health		2
3	Genetic and environmental perturbations lead to regulatory decoherence		1
2	Lower hemoglobin levels associate with lower body mass index and healthier metabolic profile		2
1	Apt interpretation of comprehensive lipoprotein data in large-scale epidemiology [Disclosure of fundamental structural and metabolic relationships		1

